



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ashkenazi, et al. Docket No.: 39780-2730P1C56  
Serial No.: 09/989,279 Group Art Unit: 1647  
Filing Date: November 19, 2001 Examiner: Lorraine Spector  
For: **NUCLEIC ACIDS ENCODING PRO1111 POLYPEPTIDES**

**EXPRESS MAIL LABEL NO. EL 993 690 353 US**

**Date Mailed: December 6, 2004**

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**MS: AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on June 30, 2004 in connection with the above-identified patent application, please enter the following amendments, and consider the following arguments. This response is timely filed with a Petition for extension of time for three months with necessary fees. Attached herewith are Declarations by: Paul Polakis, Ph.D., and Avi Ashkenazi, Ph.D. Also attached are articles by (i) Orntoft *et al.*, (ii) Hyman *et al.*, (iii) Pollack *et al.*, and (iv) Hanna and Mornin and an Information Disclosure statement filed with necessary fees. Also attached are relevant pages from US provisional application 60/141,037 referring to the gene amplification assay and relevant pages from the PCT application PCT/US00/08439 that refer to the "chondrocyte redifferentiation assay". Consideration of these attachments and IDS is requested.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 4 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.